

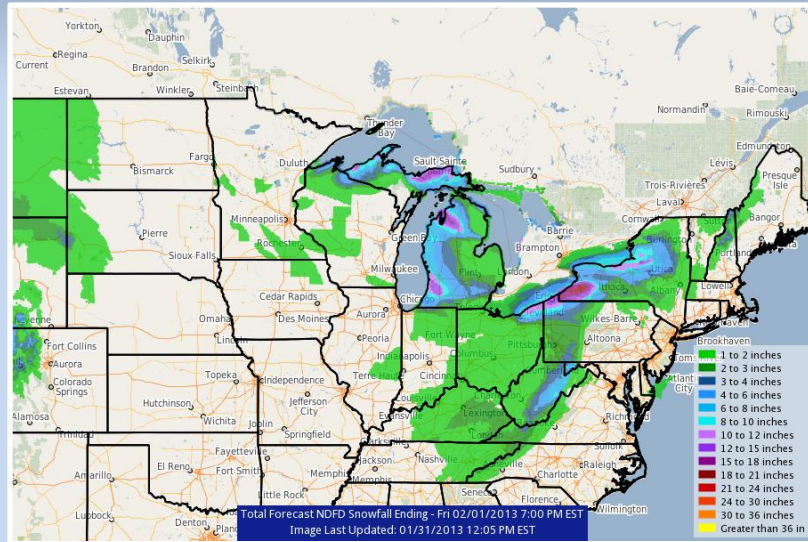


# Snow through Saturday



Slide #1

## Potential Snowfall through Saturday



Blues = 5 inches or More  
Purples = 12 inches or More

## Event Summary

**5 inches to a Foot or More of Snow**

**Snow Expected Through Saturday**

**All of Southwest Lower Michigan**

**Created: Thursday, January 31, 2013 – 100 PM**

NOAA National Weather Service - Grand Rapids, Michigan

Website: <http://www.weather.gov/grandrapids>

Email: [w-grr.webmaster@noaa.gov](mailto:w-grr.webmaster@noaa.gov)

Phone: 616-949-0643





# Winter Hazard Risk Assessment



Slide #2

For Southwest Lower Michigan

Extreme

High

Moderate



Low

Weather Like this is  
**Common**

Typically Associated With  
**Some Disruption to Daily Life**

Threat to Life and Property  
**Rarely Directly Threatening**

Typical Recovery Time  
**Up to A Couple of Days**

**Extreme:**

- Historic Weather – Once Every 20+ years
- Extremely Threatening to Life/Property
- Total disruption of daily life
- Recovery Time: days or weeks

**High:**

- Rare Weather – 1 to 3 Times a Year
- Often Life Threatening
- Widespread disruption of daily life
- Recovery Time: 1 to 3 days or more

**Moderate:**

- Common Weather Hazard/Event
- Rarely directly life threatening
- Some disruption of daily life
- Recovery Time: Up to A Couple of Days



# Confidence and Potential Impacts



Slide #3

**Confidence this  
Weather Will Occur**

**High**



**Medium**

**Low**

**Road Conditions**

- Accumulating snow on roads through early Saturday
- Lingering snow and ice on roads possible into early next week

**Commutes  
Affected**

- Thursday evening, Friday morning, Friday evening
- Weekend Travel may also be impacted

**Power Outage  
Potential**

**High**

**Medium**

**Low**



**Blowing/Drifting  
Potential**

**High**



**Medium**

**Low**

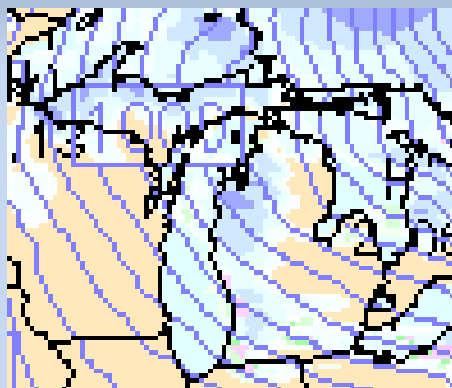


# Timing of Winter Weather

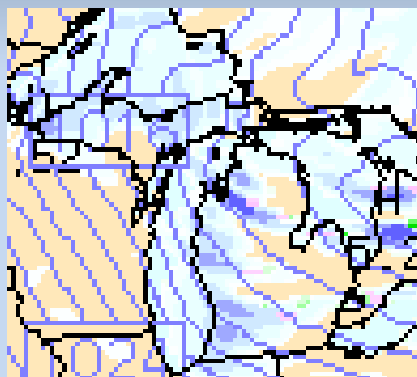


Slide #4

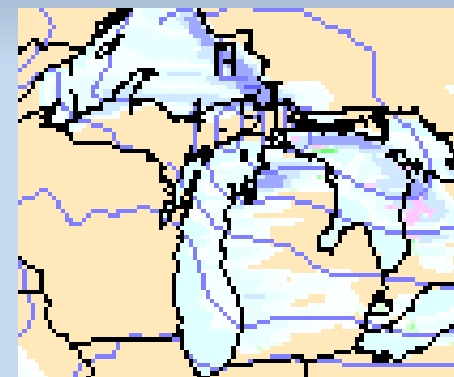
Weather Radar Forecast  
8pm Thursday



Weather Radar Forecast  
2am Friday



Weather Radar Forecast  
4pm Friday



## Beginning

- Snow to continue through early Saturday. Some intensification will occur Thursday evening.

## Heaviest

- Heaviest snow is expected between 6pm Thursday and 4am Friday

## Ending

- Snow will begin to wind down Friday Afternoon
- Along the Lake Shore – Snow may continue through Friday night



# Storm Total Snowfall

## Through early Saturday



Slide #5

### Snow Accumulation

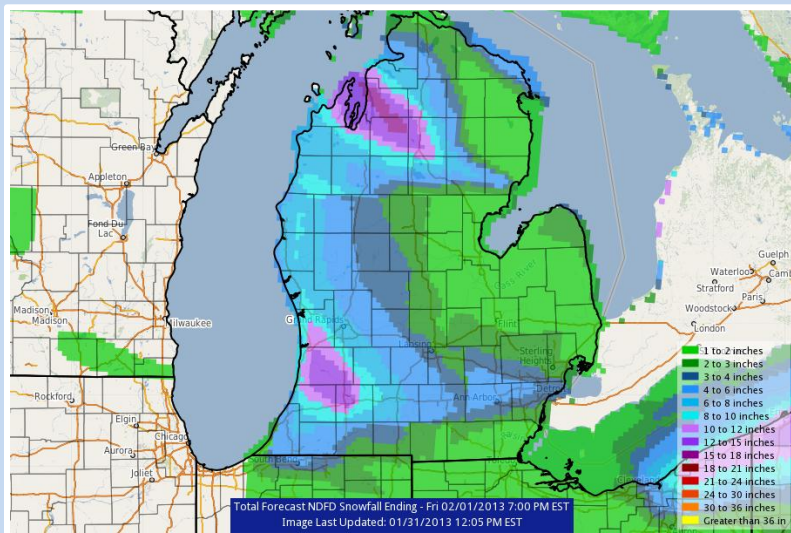
- One foot or more: Near the Lake Shore
  - 5 to 10 inches: West of US 131
- 3 to 6 inches: Remainder of Central Lower

### Snowfall Rate

- 2 inches or more per hour Tonight
- 1 inch per hour Friday and Friday night

### Type of Snow

Light and Fluffy



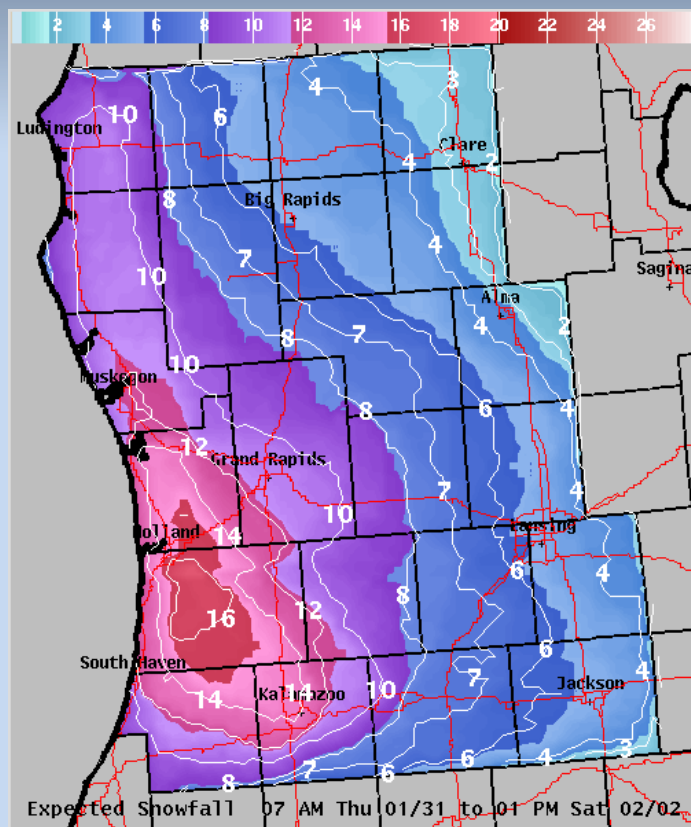
**Snow Total for the Next 48 Hours**  
(in inches)



# Additional Hazards



Slide #6



**Total Snowfall through Saturday AM**

## Visibility

- Near Zero at Times – especially tonight
- Generally about one-half a mile through Friday

## Wind Direction and Wind Speed

- From the West/Northwest 10 to 20 mph
- Gusts to 30 mph near the lake shore
- Winds Diminishing early Saturday

## Wind Chill Temperatures

- 0 to -15 Degrees through Saturday

## Ice Accumulation

- None Expected





Slide #7

# Event Summary



- **All of Southwest Lower Michigan Affected**
- **5 inches to over a foot of snow through Saturday**
- **Highest Amounts – from Muskegon to Kalamazoo**
- **Travel through the Weekend Greatly Impacted**



# For Additional Information



Slide #8

Links Below are Clickable in PDF File of the Briefing



Winter Weather Briefing Slides  
[www.weather.gov/grandrapids/webinars](http://www.weather.gov/grandrapids/webinars)

Regional Weather Radar Loop  
[www.weather.gov/radar](http://www.weather.gov/radar)

Additional Winter Forecast Information  
<http://go.usa.gov/RE6>

Hazard Summary Page  
[www.crh.noaa.gov/hazards/grr](http://www.crh.noaa.gov/hazards/grr)

NOAA National Weather Service - Grand Rapids, Michigan

Website: <http://www.weather.gov/grandrapids>

Email: [w-grr.webmaster@noaa.gov](mailto:w-grr.webmaster@noaa.gov)

Phone: 616-949-0643



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